

Charged Cyclodextrin Derivatives and Their Use in Plant Cell and Tissue Culture Growth Media

Abstract of Disclosure

The invention provides cyclodextrin derivatives that are substituted with groups bearing charges in aqueous solutions (charged cyclodextrins) in their salt forms and their use, also in combinations with other cyclodextrins, as useful components of plant cell and tissue growth media. The invention also comprises a new method of isolation of useful hydrophobic compounds, such as taxol, produced by plant cultures from the cyclodextrin-containing growth media and from the corresponding cell cultures.